

Abstract

A fuel injection device (10) includes at least two valve elements (20, 22), disposed in a housing (12) and coaxial with one another. Associated with each of them is at least one respective fuel outlet opening (24, 26). On the outer valve element (20), radially outward from the at least one fuel outlet opening (24) associated with it, there is a first sealing edge (64). It cooperates with a valve seat (66) on the housing and can separate the at least one fuel outlet opening (24) from a high-pressure connection. It is proposed that there be an additional sealing edge (72) on the outer valve element (20), between the at least one fuel outlet opening (24) associated with it and the inner valve element 22. Fig. 2